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CLAIMS

What is claimed is:

1. A method for providing access through a wireless device to a user's computer or network comprising:
  - receiving a request from the device;
  - 10 detecting the type of device performing the request;
  - determining the software being used for access;
  - determining the network service being used by the wireless device;
  - establishing a connection between a controller and the user's
  - 15 computer;
  - interpreting the request from the device; .
  - sending the request to the user's computer in the appropriate format;
  - receiving a response from the user's computer;
  - 20 translating the response into the appropriate format for the device; and
  - sending information received from the user's computer to the device in the appropriate format.
2. The method of claim 1 wherein the information includes data
- 25 and software application resident at the user's computer.

5                   3.     A method for providing access through a wireless device to a  
user's computer comprising:

                    sending user verification information in response to a log-on  
request from a wireless device;

                    authenticating the wireless user to permit access to a  
10   controller;

                    detecting format parameters of the wireless device

                    sending information to the wireless device from the user's  
computer in an appropriate format.

                    4.     The method of claim 3 further including establishing a  
15   connection between the controller and the user's computer.

                    5.     The method of claim 3 further including storing information for  
access by the user's wireless device when connection to the user's computer is  
not established.

                    6.     The method of claim 5 further including transmitting  
20   manipulated information to the user's computer when a connection to the user's  
computer is established.

                    7.     The method of claim 5 further including storing manipulated  
information until a connection to the user's computer is established.

5                   8.     A method for providing access through a wireless device to a user's computer comprising:

                    receiving a request from the device;

                    sending the request to the user's computer in an appropriate format for the users computer;

10                   sending information received from the user's computer to the device in an appropriate format for the wireless device.

                    9.     The method of claim 8 further including storing data entered through the wireless device when a communication link is unavailable to the user's computer.

15                   10.    The method of claim 8 wherein the request receiving further includes detecting information concerning the type of wireless device being used.

                    11.    The method of claim 10 further including using the device detection information to authorize access to the user's computer.

20                   12.    The method of claim 8 wherein the request receiving further includes receiving requests in any language.

                    13.    The method of claim 8 wherein the request receiving further includes receiving request from wireless devices using any communication protocol.

25                   14.    The method of claim 8 further including maintaining a secure environment for data entry and data collection from the user's computer.

5                   15.    A method for providing access through a wireless device to a  
user's computer comprising:

receiving a request from the device;

detecting the type of device performing the request;

applying appropriate logic required to transmit the request to

10   the user's computer; and

                  sending information received from the user's computer to the  
device in a format appropriate to the wireless device.

                  16.    The method of claim 15 further including applying appropriate  
logic to the information received from the user's computer for further  
15   communication to the wireless device.

                  17.    The method of claim 15 further including encrypting  
transmissions between the wireless device and the user's computer.

                  18.    The method of claim 15 further including notifying a user  
when access to the user's computer is attempted.

20               19.    The method of claim 15 further including recording time and  
date information of access attempt to the user's computer.

                  20.    The method of claim 15 wherein the application of logic  
further includes using plug-ins.

5                    21.    The method of claim 20 wherein the plug-ins are specific to the type of application which access is desired from the user's computer by the wireless device.

                    22.    A computerized system for providing access through a wireless device to a user's computer , comprising:

10                    a memory device; and

                    a processor disposed in communication with the memory device, the processor configured to: send user verification information in response to a log-on request from a wireless device, authenticate the wireless device to permit access to a controller, detect format parameters of the wireless device, and

15                    send information to the wireless device from the user's computer in an appropriate format.

                    23.    A computerized system for providing access through a wireless device to a user's computer , comprising:

                    a memory device; and

20                    a processor disposed in communication with the memory device, the processor configured to

                    receive a request from the device;

                    send the request to the user's computer in an appropriate format for the users computer;

25                    send information received from the user's computer to the device in an appropriate format for the wireless device.

5                   24.    A computerized system for providing access through a  
wireless device to a user's computer , comprising:  
a memory device; and  
a processor disposed in communication with the memory  
device, the processor configured to:  
10                   receive a request from the device;  
detect the type of device performing the request;  
apply appropriate logic required to transmit the request to the  
user's computer; and  
send information received from the user's computer to the  
15   device in a format appropriate to the wireless device.

                  25.    A computerized system for providing access through a  
wireless device to a user's computer , comprising:  
means for sending user verification information in response to  
a log-on request from a wireless device,  
20                   means for authenticating the wireless device to permit access  
to a controller,  
means for detecting format parameters of the wireless  
device, and  
means for sending information to the wireless device from the  
25   user's computer in an appropriate format.

                  26.    A computerized system for providing access through a  
wireless device to a user's computer, comprising:

5 means for receiving a request from the device;  
means for sending the request to the user's computer in an  
appropriate format for the users computer; and  
means for sending information received from the user's  
computer to the device in an appropriate format for the wireless device.

10 27. A computerized system for providing access through a  
wireless device to a user's computer, comprising:  
means for receiving a request from the device;  
means for detecting the type of device performing the  
request;  
15 means for applying appropriate logic required to transmit the  
request to the user's computer; and  
means for sending information received from the user's  
computer to the device in a format appropriate to the wireless device.

20 28. A computer readable medium comprising:  
code for receiving a request from the device;  
code for sending the request to the user's computer in an  
appropriate format for the users computer; and  
code for sending information received from the user's  
computer to the device in an appropriate format for the wireless device.

5                   29.    The computer readable medium of claim 28 further including  
code for applying appropriate logic required to transmit the request to the user's  
computer.

                  30.    The computer readable medium of claim 28 further including  
code for maintaining secure communication between the wireless device and the  
10   user's computer.

                  31.    A method of using a wireless device to access a user's  
computer comprising:

                          sending a request from the device;  
                          using software to gain access;  
15                       receiving verification of a connection between a controller  
and the user's computer;  
                          sending the request to the user's computer in the appropriate  
format; and  
                          receiving a response from the user's computer.

20                   32.    The method of claim 31 further including receiving  
information concerning data and at least one software application resident at the  
user's computer.

                  33.    A method of using a wireless device to access a remote  
user's computer comprising:  
25                       receiving user verification information in response to a log-on  
request from the wireless device;



5                    sending authentication information to permit access to a  
controller; and

                  receiving information at the wireless device from the remote  
user's computer in an appropriate format that is readable to the wireless device.

                  34.    The method of claim 33 further including receiving verification  
10    that a connection is established between the controller and the user's computer.

                  35.    The method of claim 33 further including using stored  
information from the remote user's computer resident at the controller when  
connection to the user's computer is not established.

                  36.    The method of claim 35 further including sending a request to  
15    store manipulated information until a connection to the user's computer is  
established.

                  37.    A method of using a wireless device to access a remote  
user's computer comprising:

                  sending a request from the device for connection to a  
20    controller;

                  sending a request to the remote user's computer which is  
translated in an appropriate format by the controller;

                  receiving information from the remote user's computer to the  
device in an appropriate format readable to the wireless device.

5                   38.    The method of claim 37 further including executing  
commands from the wireless device from software resident at the remote user's  
computer.

                  39.    The method of claim 37 wherein the receiving information  
further includes data and at least one software application resident at the remote  
10   user's computer.

                  40.    The method of claim 39 further including manipulating the  
data on the wireless device.

                  41.    The method of claim 40 wherein the manipulated data is sent  
back to the user's computer for storage.

15                  42.    The method of claim 37 wherein the requests sending further  
includes sending requests from wireless devices using any communication  
protocol.

                  43.    The method of claim 37 further including sending to the  
user's computer and receiving data from the user's computer in a secure  
20   environment.

                  44.    A method of using a wireless device to access a remote  
user's computer comprising:  
                          sending a request from the device; and  
                          receiving information from the remote user's computer to the  
25   wireless device in a format appropriate to the wireless device.

5                   45.    The method of claim 44 further including contacting the user's computer from more than one wireless device.

                  46.    The method of claim 44 further including sending encrypted transmissions between the wireless device and the user's computer.

                  47.    The method of claim 44 further including receiving notification  
10 when access to the user's computer is attempted.

                  48.    The method of claim 44 further including receiving time and date information of access attempt to the user's computer.

                  49.    The method of claim 44 further including using plug-ins to communicate with the user's computer.

15                   50.    The method of claim 49 wherein the plug-ins are specific to the type of application which access is desired from the user's computer by the wireless device.

                  51.    A computerized system for using a wireless device to access a user's computer comprising:

20                       a memory device; and

                      a processor disposed in communication with the memory device, the processor configured to:

                      receive user verification information in response to a log-on request from a wireless device, send authentication information to permit access

- 5 to a controller, and receive information from the user's computer in an appropriate format readable to the wireless device.

52. A computerized system using a wireless device to access a user's computer comprising:

- a memory device; and
- 10 a processor disposed in communication with the memory device, the processor configured to
  - send a request to the user's computer in an appropriate format for the users computer;
  - receive information from the user's computer in an
  - 15 appropriate format for the wireless device.

53. A computerized system using a wireless device to access a user's computer comprising:

- a memory device; and
- a processor disposed in communication with the memory
- 20 device, the processor configured to:
  - send a request from the device;
  - receive information from the user's computer in a format appropriate to the wireless device; and
  - transmit data for storage on the user's computer.

- 25 54. A computerized system using a wireless device to access a user's computer comprising:

5 means for receiving user verification information in response  
 to a log-on request from a wireless device,  
 means for sending authentication information from the  
 wireless device to permit access to a controller, and  
 means for receiving information from the user's computer in  
 10 an appropriate format.

55. A computerized system using a wireless device to access a  
 user's computer comprising:  
 means for sending a request from the device; and  
 means for receiving information from the user's computer to  
 15 the device in an appropriate format for the wireless device.

56. A computerized system using a wireless device to access a  
 user's computer comprising:  
 means for sending a request from the device;  
 means for receiving information from the user's computer to  
 20 the device in a format appropriate to the wireless device; and  
 means for storing user manipulated information on the user's  
 computer through the wireless device.

57. A computer readable medium for using a wireless device to  
 access a user's computer comprising:  
 25 code for sending a request from the device; and

5 code for receiving information from the user's computer in an appropriate format for the wireless device.

58. The computer readable medium of claim 57 further including code for storing user manipulated information on the user's computer through the wireless device.

10 59. The computer readable medium of claim 57 further including code for maintaining secure communication between the wireless device and the user's computer.

60. A computer readable medium for using a wireless device to access a remote user's computer comprising:

15 code for sending a request from the device;

code for executing software commands resident at the remote user's computer; and

code for receiving information from the user's computer in an appropriate format for the wireless device.